## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20080253776").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/19 08:45
S2	85	(Kikushima with Koji or Ikeda with Satoshi).in. and optic\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/19 08:50
S3	5	(Kikushima with Koji or Ikeda with Satoshi).in. and optic\$2 and satellite	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/19 08:51
S4	0	(Kikushima with Koji or Ikeda with Satoshi).in. and optic\$2 and receiver and vifeo and RF	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/19 08:54
S5	3	(Kikushima with Koji or Ikeda with Satoshi).in. and optic\$2 and receiver and video and RF	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/19 08:54
S6	4	(("5212579") or ("6486907")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/19 08:58

S7	49	(("6097742") or ("5896216") or ("4319329") or ("4918539") or ("5023885") or ("6018528") or ("6064662") or ("4778238") or ("4875215") or ("4935918") or ("5363456") or ("5414540") or ("5424864") or ("5521930") or ("5663639") or ("5896219") or ("6122087") or ("6211996") or ("6211996") or ("4918491") or ("4949170") or ("5187754") or ("5191626") or ("5305134") or ("5469288") or ("5513195") or ("5535183") or ("5548331") or ("5661580") or ("5710658") or ("5799116") or ("5844235") or ("5917628") or ("5973820") or ("6008487") or ("6078412") or ("6130900") or ("6167068") or ("4260993") or ("4272193") or ("4397027") or ("4468093") or ("4760251") or ("4783852") or ("4872746")).PN.	US-PGPUB; USPAT	OR	OFF	2009/01/19 20:12
<b>S</b> 8	1	("7444084").PN.	US-PGPUB; USPAT	OR	OFF	2009/01/19 20:27
S9	4	(MATSUI with SATOYUKI or SHUDO with KOICHI).in. and optical receiver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/19 20:43
S10	6	(KOISO with YUII or NOMOTO with MAMORU).in. and antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/19 20:50
S11	303	(TSUCHIYA with TOSHIYUKI or SHIRAISHI with TAKASHI or OGUSHI with HIROSHI).in. and optic\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/19 21:01
S12	63	(TSUCHIYA with TOSHIYUKI or SHIRAISHI with TAKASHI or OGUSHI with HIROSHI).in. and optic\$2 and transmission	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/19 21:01

S13	2	(CATV TRANSMISSION SYSTEM) and nakada.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/19 21:17
S14	2	("6459519").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/19 21:25
S15	155	fiber and coaxial cable and satellite and (downconvers\$4 or downconvert\$3 or down convers\$4 or down convert\$3 or down-convers \$4 or down-convert\$3) and optic\$2 and high frequency and intermediate frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/19 22:05
S16	0	(TSUCHIYA with TOSHIYUKI or SHIRAISHI with TAKASHI or OGUSHI with HIROSHI).in. and (downconvers\$4 or downconvert\$3 or downconvers\$4 or down-convert\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/20 09:39
S17	42	("3809908"   "3984824"   "4004078"   "4012643"   "4215269"   "4249264").PN. OR ("4545075").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/20 16:32
S18	36	("4135202"   "4545075"   "4959862"   "5136411"   "5181106"   "5204767"   "5221983"   "5303229"   "5457811"   "5481542"   "5488413"   "5504609"   "5541757"   "5572347"   "5574964"   "5592540"   "5657143"   "5659351"   "5787335"   "5805975"   "5995258").PN. OR ("6486907").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/20 19:22
S19	18	fiber and coaxial cable and (downconvers\$4 or downconvert\$3 or downconvers\$4 or down-convert\$3 or down-convers\$4 or down-convert\$3) and optic\$2 and high frequency and intermediate frequency and (optical to electri\$3 or o/e conver\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/04 18:08
S20	6	(("5212579") or ("6486907") or ("6459519")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 19:33

S21	1	intensity-modulated near2 frequency-division multiplex\$ and optic\$3 and satellite	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/04 20:07
S22	1	(intensity modulated) near2 (frequency division multiplex\$) and optic\$3 and satellite	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/04 20:08
\$23	2	(amplitude modulated) near2 (frequency division multiplex\$) and optic \$3 and satellite	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/04 20:08
\$24	72	microwave frequency band with MHz	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/04 21:28
\$25	376	satellite and ("11" or "11.1" or "11.2" or "11.3" or "11.4" or "11.5" or "11.6" or "11.7" or "11.8" or "11.9" or "11.10" or "12" or "12.1" or "12.2" or "12.3" or "12.4" or "12.5" or "12.6" or "12.7" or "12.8" or "12.9") GHz and RF signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/04 21:37
\$26	0	satellite and ("11" or "11.1" or "11.2" or "11.3" or "11.4" or "11.5" or "11.6" or "11.7" or "11.8" or "11.9" or "11.10" or "12" or "12.1" or "12.2" or "12.3" or "12.4" or "12.5" or "12.6" or "12.7" or "12.8" or "12.9") GHz and RF signal and (fiber or fibre) and coxial cable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/04 21:37
\$27	45	satellite and ("11" or "11.1" or "11.2" or "11.3" or "11.4" or "11.5" or "11.6" or "11.7" or "11.8" or "11.9" or "11.10" or "12" or "12.1" or "12.2" or "12.3" or "12.4" or "12.5" or "12.6" or "12.7" or "12.8" or "12.9") GHz and RF signal and (fiber or fibre) and coaxial cable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/04 21:38

S28	1	satellite and ("11" or "11.1" or "11.2" or "11.3" or "11.4" or "11.5" or "11.6" or "11.7" or "11.8" or "11.9" or "11.10" or "12" or "12.1" or "12.2" or "12.3" or "12.4" or "12.5" or "12.6" or "12.7" or "12.8" or "12.9") GHz and original near RF signal same (fiber or fibre)	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/04 22:37
\$29	1	satellite same original near RF signal same (fiber or fibre)	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/04 22:38
S30	51	satellite and ("11" or "11.1" or "11.2" or "11.3" or "11.4" or "11.5" or "11.6" or "11.7" or "11.8" or "11.9" or "11.10" or "12" or "12.1" or "12.2" or "12.3" or "12.4" or "12.5" or "12.6" or "12.7" or "12.8" or "12.9") GHz same (fiber or fibre)	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/04 22:39
S31	0	("20050541757").PN.	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 23:04
S32	2	("5541757").PN.	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/04 23:04
S33	4	(("4545075") or ("5109532")).PN.	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/05 09:31
S34	0	fiber and coaxial cable and satellite and ((downconvers\$4 or downconvert\$3 or down convers\$4 or down convert\$3 or down-convers \$4 or down-convert\$3) same ("11" or "11.1" or "11.2" or "11.3" or "11.4" or "11.5" or "11.6" or "11.7" or "11.8" or "11.9" or "11.10" or "12.1" or "12.1" or "12.2" or "12.4" or "12.5" or "12.6" or "12.7" or "12.8" or "12.9") GHz same (fiber or fibre)) and optic\$2	JPO; DERWENT;	ADJ	ON	2009/02/05 09:51

S35	0		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 09:52
S36	0	((downconvers\$4 or downconvert\$3 or down convers\$4 or down convert\$3 or down-convers\$4 or down-convert\$3) same ("11" or "11.1" or "11.2" or "11.3" or "11.4" or "11.5" or "11.6" or "11.7" or "11.8" or "11.9" or "11.10" or "12" or "12.1" or "12.2" or "12.3" or "12.4" or "12.5" or "12.6" or "12.7" or "12.8" or "12.9") GHz same (fiber or fibre)) and optic\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 09:52
<b>S37</b>	92	((downconvers\$4 or downconvert\$3 or down convers\$4 or down convert\$3 or down-convers\$4 or down-convert\$3) same ("11" or "11.1" or "11.2" or "11.3" or "11.4" or "11.5" or "11.6" or "11.7" or "11.8" or "11.9" or "12.10" or "12" or "12.1" or "12.2" or "12.3" or "12.4" or "12.5" or "12.6" or "12.7" or "12.8" or "12.9") GHz) and optic\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 09:53
<b>S38</b>	84	((downconvers\$4 or downconvert\$3 or down convers\$4 or down convert\$3 or down-convers\$4 or down-convert\$3) same ("11" or "11.1" or "11.2" or "11.3" or "11.4" or "11.5" or "11.6" or "11.7" or "11.8" or "11.9" or "12.10" or "12.1" or "12.2" or "12.3" or "12.4" or "12.5" or "12.6" or "12.7" or "12.8" or "12.9") GHz) and optic\$2 and satellite	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 09:53
<b>S</b> 39	42	((downconvers\$4 or downconvert\$3 or down convers\$4 or down convert\$3 or down-convers\$4 or down-convert\$3) same ("11" or "11.1" or "11.2" or "11.3" or "11.4" or "11.5" or "11.6" or "11.7" or "11.8" or "11.9" or "11.10" or "12" or "12.1" or "12.2" or "12.3" or "12.4" or "12.5" or "12.6" or "12.7" or "12.8" or "12.9") GHz) and optic\$2 and satellite and (fiber or fibre)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 15:42
S40	45	("11" or "11.1" or "11.2" or "11.3" or "11.4" or "11.5" or "11.6" or "11.7" or "11.8" or "11.9" or "11.10" or "12" or "12.1" or "12.2" or "12.3" or "12.4" or "12.5" or "12.6" or "12.7" or "12.8" or "12.9") GHz same (fiber or fibre) and optic\$2 and satellite	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 15:55
S41	43	840 not S39	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 15:55

S42	2	("6486907").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/05 16:38
S43	36	("4135202"   "4545075"   "4959862"   "5136411"   "5181106"   "5204767"   "5221983"   "5303229"   "5457811"   "5481542"   "5488413"   "5504609"   "5541757"   "5572347"   "5574964"   "5592540"   "5657143"   "5659351"   "5787335"   "5805975"   "5995258").PN. OR ("6486907").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/05 16:38
S44	13	(MATSUI with SATOYUKI or SHUDO with KOICHI).in. and optic\$2 and receiv\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 17:06
S45	6	(KOISO with YUJI or NOMOTO with MAMORU).in. and satellite	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 18:00
S46	11	((downconvers\$4 or downconvert\$3 or down convers\$4 or down convert\$3 or down-convers\$4 or down-convert\$3) same ("11" or "11.1" or "11.2" or "11.3" or "11.4" or "11.5" or "11.6" or "11.7" or "11.8" or "11.9" or "12.0" or "12.0" or "12.2" or "12.3" or "12.4" or "12.5" or "12.6" or "12.7" or "12.8" or "12.9") GHz) and optic\$2 and satellite and LNB	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 18:05
S47	42	("3809908"   "3984824"   "4004078"   "4012643"   "4215269"   "4249264").PN. OR ("4545075").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/05 19:31
S48	2	("4779064").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/05 20:04
S49	0	optical "40" near2 transmitter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 20:06

S50	42	(bai with Yu).in. and optic\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 20:07
S51	44	(bai with (Yu or yusheng or yu-shen)).in. and optic\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 20:07
S52	44	(bai with (Yu or yusheng or yu-shen or yu sheng)).in. and optic\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 20:08
S53	14	high frequency optical transmitter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 20:17
S54	0	S49 gb/s optical transmitter	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 20:38
S55	0	"12 gb/s" optical transmitter	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 20:38
S56	2	("5625479").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/05 20:51

S57	31	("11" or "11.1" or "11.2" or "11.3" or "11.4" or "11.5" or "11.6" or "11.7" or "11.8" or "11.9" or "11.10" or "12" or "12.1" or "12.2" or "12.3" or "12.4" or "12.5" or "12.6" or "12.7" or "12.8" or "12.9") GHz same optical (transmit\$5 or transmis\$5)	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 20:56
S58	2	("20010055137").PN.	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/06 11:20
S59	18	(intensity modulat\$3 or intensity-modulat\$3 or amplitude modulat\$3 or amplitude-modulat\$) with (optical or laser or light) with satellite	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/06 17:05
S60	2	("5844235").PN.	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/06 20:41
S61	5	(Kikushima with Koji or Ikeda with Satoshi).in. and satellite	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/06 21:41
S62	8	satellite and RF signal and optical (transmit\$4 or transmission) and high frequency and (downconver\$5 or down-conver\$5 or down conver\$5) and (398/66,79,121,139,182,183,186,187,202,208,212).ccls.	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/06 21:45
S63	10	satellite and RF signal and (fiber or fibre) and (transmit\$4 or transmission) and receiv\$3 and high frequency and (downconver\$5 or down-conver\$5 or down-conver\$5) and (398/66,79,121,139,182,183,186,187,202,208,212).ccls.	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/06 22:04

S64	2	S63 not S62	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/06 22:06
S65	13	("4229830"   "4232385"   "4601027"   "4701904"   "4772081").PN. OR ("4941208").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/06 22:23

## 2/13/2009 11:19:07 PM

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